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W-4300 Essen 1 (DE)(54) **Method for the recovery of betaine from molasses.**

(57) A method is provided wherein betaine is separated eluted from beet molasses using a chromatographic simulated moving bed system having at least three chromatographic columns connected in series. The betaine is eluted during the same cycle as sucrose and rest molasses as a third fraction. The

method comprises a molasses feeding and substantially simultaneous water feeding step, at least one water feeding step, a circulation step, and elution of sucrose, betaine and rest molasses fractions from selected columns.

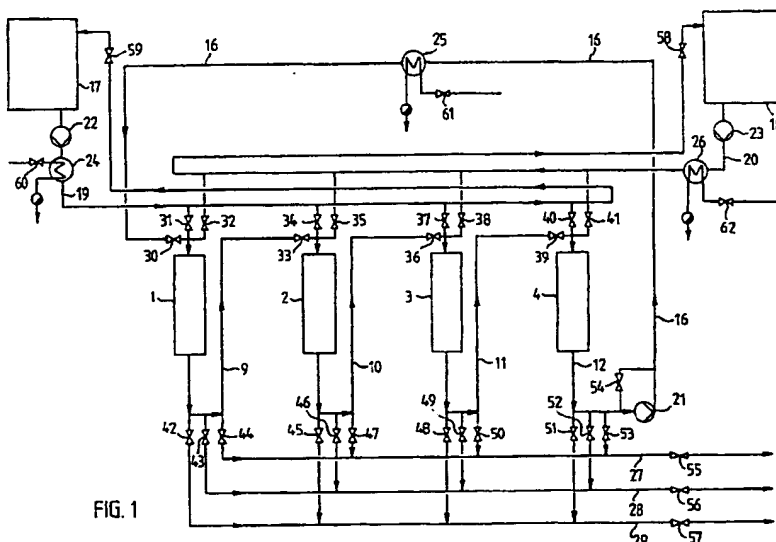


FIG. 1

EP 0 345 511 A3



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EUROPEAN SEARCH REPORT

Application Number

EP 89 10 9081

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	DE-A-2 362 211 (SÜDDEUTSCHE ZUCKER) * claims ; figure 2 *	1-16	C 13 J 1/06 C 07 C 101/00 C 07 C 99/00
A,D,D	EP-A-0 010 769 (MITSUBISHI CHEMICAL INDUSTRIES) * claims ; figures & US-A-4332623 & US-A-4405455 *	1-16	
D,A	US-A-4 426 232 (R.W.NEUZIL ET AL.) * column 8, lines 57 - 63; claims ; figure 1 *	1-16	
D,A	US-A-4 359 430 (H.O.HEIKKILÄ ET AL.) * claims ; figure 1 *	1-16	
D,A	US-A-4 519 845 (DI-YI OU) * claims *	1-16	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			C 13 J C 13 D C 07 C B 01 D
The present search report has been drawn up for all claims			
Place of search	Date of completion of search	Examiner	
The Hague	08 February 91	VAN MOER A.M.J.	
CATEGORY OF CITED DOCUMENTS		E: earlier patent document, but published on, or after the filing date	
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O: non-written disclosure			
P: intermediate document		&: member of the same patent family, corresponding document	
T: theory or principle underlying the invention			